

**Appl. No.** : 10/632,573  
**Filed** : August 1, 2003

**CLAIM AMENDMENTS:**

1. (Previously Presented) A disinfecting article comprising:
  - a. at least one disinfectant substrate comprising:
    - i. an aqueous hypohalite releasing composition, and
    - ii an absorbent carrier; and
  - b. a packaging system dispensibly housing a single or multiple number of disinfectant substrates,
  - c. wherein said disinfecting article maintains the stability of the hypohalite releasing composition of at least 25% after 11 days at 120<sup>0</sup> F.
2. (Previously Presented) The disinfecting article of Claim 1, wherein said absorbent carrier is impregnated with a disinfecting amount of said aqueous hypohalite releasing composition.
3. (Previously Presented) The disinfecting article of Claim 1, wherein said absorbent carrier comprises a synthetic polymer substrate selected from the group consisting of polyester, polyethylene, hydrophobically modified polyester, hydrophilically modified polyester, and mixtures thereof.
4. (Previously Presented) The disinfecting article of Claim 1, wherein said absorbent carrier further comprises a substantially attached layer of a liquid impervious barrier, said barrier substantially attached to at least one portion of the absorbent carrier so as to provide a liquid impervious barrier between the absorbent carrier and a gripping means, wherein said liquid impervious barrier substantially prevents contact of said aqueous hypohalite releasing composition with said gripping means.
5. (Original) The disinfecting article of Claim 1, wherein said absorbent carrier attaches to a cleaning implement.

**Appl. No.** : 10/632,573  
**Filed** : August 1, 2003

6. (Previously Presented) The disinfecting article of Claim 1, wherein said aqueous hypohalite releasing composition comprises:
  - a. an alkali metal hypohalite,
  - b. a source of alkalinity, and
  - c. optionally, one or more hypohalite stable adjuncts; selected from the group consisting of surfactants, hydrotropes, stabilizers, sequestrants, thickeners, rheology modifiers, tensides, phase transfer agents, wetting agents, anti-foam agents, fragrances, colorants, pigments, dyes and the like, and mixtures thereof.
7. (Previously Presented) The disinfecting article of Claim 6, wherein the alkali metal hypohalite is sodium hypochlorite, and wherein the source of alkalinity is selected from the group consisting of sodium hydroxide, and potassium hydroxide and mixtures thereof.
8. (Previously Presented) The disinfecting article of Claim 6, wherein the alkali metal hypohalite is sodium hypochlorite, and wherein the source of alkalinity is selected from the group consisting of borates, polyphosphates, pyrophosphates, triphosphates, tetraphosphates, silicates, metasilicates, polysilicates, carbonates, and mixtures thereof.
9. (Previously Presented) The disinfecting article of Claim 1, wherein said packaging system is adapted to securely hold a single or multiple number of disinfecting articles, and wherein said packaging system comprises a substantially liquid impervious sealable package means.
10. (Previously Presented) The disinfecting article of Claim 1, wherein said packaging system is adapted to securely hold a single or multiple number of disinfecting articles, and wherein said packaging system comprises a substantially gas impervious sealable package means.
11. (Previously Presented) The disinfecting article of Claim 1, wherein said packaging system comprises a substantially liquid impervious sealable packaging system selected from the group consisting of a pouch, a container, a tub, a cylindrical package, and combinations thereof, and wherein said packaging system provides for the storage of disinfecting articles selected from the group consisting of a single and a multiple number of articles.

**Appl. No.** : 10/632,573  
**Filed** : August 1, 2003

12. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with a disinfecting article comprising:
  - a. an aqueous hypohalite releasing composition,
  - b. an absorbent carrier, and
  - c. a packaging system dispensibly housing a single or multiple number of disinfectant substrates, wherein said disinfecting article maintains the stability of the hypohalite releasing composition of at least 25% after 11 days at 120<sup>0</sup> F.
13. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said absorbent carrier is impregnated with a disinfecting amount of said aqueous hypohalite releasing composition.
14. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said absorbent carrier comprises a synthetic polymer substrate selected from the group consisting of polyester, polyethylene, hydrophobically modified polyester, hydrophilically modified polyester, and mixtures thereof.
15. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said absorbent carrier further comprises a substantially attached layer of a liquid impervious barrier, said barrier substantially attached to at least one portion of the absorbent carrier so as to provide a liquid impervious barrier between the absorbent carrier and a gripping means, wherein said liquid impervious barrier substantially prevents contact of said aqueous hypohalite releasing composition with said gripping means.
16. (Original) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said absorbent carrier attaches to a cleaning implement.

**Appl. No.** : 10/632,573  
**Filed** : August 1, 2003

17. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein the aqueous hypohalite releasing compositions comprises:
- a. an alkali metal hypohalite,
  - b. a source of alkalinity, and
  - c. optionally, one or more hypohalite stable adjuncts, selected from the group consisting of surfactants, hydrotropes, stabilizers, sequestrants, thickeners, rheology modifiers, tensides, phase transfer agents, wetting agents, anti-foam agents, fragrances, colorants, pigments, dyes and the like, and mixtures thereof.
18. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 17, wherein the alkali metal hypohalite is sodium hypochlorite, and wherein the source of alkalinity is selected from the group consisting of sodium hydroxide, potassium hydroxide, and mixtures thereof.
19. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 17, wherein the alkali metal hypohalite is sodium hypochlorite, and wherein the source of alkalinity is selected from the group consisting of borates, polyphosphates, pyrophosphates, triphosphates, tetraphosphates, silicates, metasilicates, polysilicates, carbonates, and mixtures thereof.
20. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said packaging system is adapted to securely hold a single or multiple number of disinfecting articles, and wherein said packaging system comprises a substantially liquid impervious sealable package means.
21. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said packaging system is adapted to securely hold a single or multiple number of disinfecting articles, and wherein said packaging system comprises a substantially gas impervious sealable package means.

**Appl. No.** : 10/632,573  
**Filed** : August 1, 2003

22. (Previously Presented) A method of disinfecting hard surfaces comprising treating the hard surface with the disinfecting article of Claim 12, wherein said packaging system comprises a substantially liquid impervious sealable packaging system selected from the group consisting of a pouch, a container, a tub, a cylindrical package, and combinations thereof, and wherein said packaging system provides for the storage of a single or multiple number of disinfecting articles.
23. (Currently Amended) A hypochlorite disinfecting wipe ~~with improved stability that~~ provides ing disinfection against *Staphylococcus aureus* within 30 seconds on surfaces selected from the group consisting of countertops, floors, beds, walls, doorknobs, toilet seats, and combinations thereof.